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Fine silica powder prodn. - from aq. alkali silicate soln., for use as reinforcing agent in rubber

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Number of Countries: 001 Number of Patents: 001

Patent Family:

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JP 74039757	B	1974-10-29				197447 B

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Abstract (Basic): JP 74039757 B

Method comprises adding an acid to an alkali silicate aq. soln. opt. in the presence of an alkali metal salt to regulate the pH value to 6 to 9, and separate silica having a primary grain size of 5 to 30 μ , maintaining the pH value of the produced slurry at 6 to 9, adding a soln. of a neutral salt of an alkaline earth metal to the slurry, and filtering and drying the slurry. The obtained fine silica powder has low cohesion and can be used for reinforcing rubber.

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